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THE UNITED STATES PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 047182-0139

Applicant: Seamus CURRAN et al.

Title: NANOTUBE BASED NON-LINEAR OPTICS AND METHODS  
OF MAKING SAME

Appl. No.: 10/537,942

Filing Date: 06/09/2005

Examiner: Unassigned

Art Unit: Unassigned

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination of the present Application, Applicants respectfully request that the application be amended as follows:

**Amendments to the Specification** are reflected on page 2 of this document.

**Remarks/Arguments** begin on page 3 of this document.

Please amend the application as follows: